

Converting Colors

CIELCh(91, 28.099, 197.616)

Have a look what the booklet for
CIELCh(91, 28.099, 197.616)
contains.

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Color

CIELCh(91, 27.874, 197.642)

Conversions

Conversions Part 1

Format	Color
Hex	9BF4F4
RGB	155, 244, 244
RGB Percent	61%, 96%, 96%
CMY	0.3907, 0.0417, 0.0417
CMYK	0.36, 0.00, 0.00, 0.04
HSL	180°, 81%, 78%
HSV	180°, 36%, 96%
XYZ	62.4351, 78.4833, 97.7401
YIQ	217.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

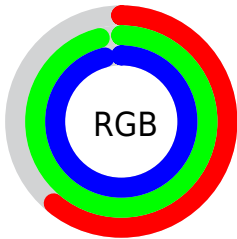
Format	Color
R _Y B	155, 200, 244
Decimal	10220788
CIE Lab	91.00, -26.56, -8.45
CIE LCh	91, 27.874, 197.642
Yxy	78.4833, 0.2616, 0.3289
Android (android.graphics.Color)	4288410868 (0xFF9BF4F4)
YUV	217.3890, 13.1192, -54.7152
Hunter-Lab	88.5908, -29.2345, -3.3996

Details

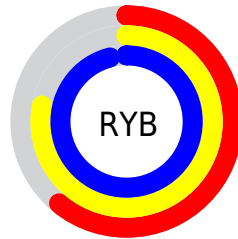
The CIELCh color **91, 27.874, 197.642** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 36.053, 22.805**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **71, 28.095, 197.249** is the 20% darker color. If you saturate the color by 10%, you get **90, 33.836, 197.268**, and if you desaturate by 10%, it is **92, 21.062, 198.073**.

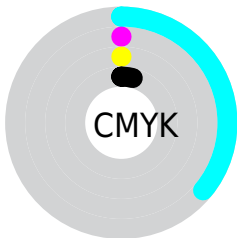
Distribution



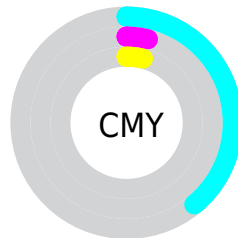
- Red (61%)
- Green (96%)
- Blue (96%)



- Red (61%)
- Yellow (78%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)





- Cyan (39%)
- Magenta (4%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 27.874, 197.642 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 27.874, 197.642 by changing the saturation by 10% instead.


 91, 27.874,
197.642


 91, 27.874,
197.642


 100, 27.874,
197.642


 81, 27.874,
197.642

 71, 27.874,
197.642

 61, 27.874,
197.642

 51, 27.874,
197.642

 41, 27.874,
197.642

 31, 27.874,
197.642

 21, 27.874,

197.642

■ 11, 27.874,
197.642

■ 1, 27.874, 197.642

■ 91, 27.874,
197.642

■ 91, 27.874,
197.642

■ 90, 33.836,
197.268

■ 92, 21.062,
198.073

■ 89, 38.830,
196.961

■ 94, 13.537,
198.569

■ 89, 42.774,
196.723

■ 95, 5.438, 199.163

■ 88, 45.638,
196.551

■ 97, 3.098, 19.399

■ 97, 3.770, 19.472

■ 88, 47.455,
196.443

■ 97, 3.770, 19.463

■ 88, 48.341,
196.390

■ 97, 3.770, 19.454

■ 88, 48.527,
196.379

■ 97, 3.770, 19.445

■ 97, 3.770, 19.437

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 27.874, 197.642



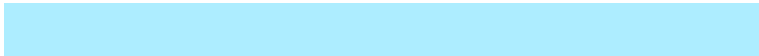
73, 36.053, 22.805

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 27.874, 197.642



91, 27.874, 247.642



91, 27.874, 17.642



91, 27.874, 67.642

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 27.874, 197.639



98, 9.531, 198.869



89, 55.692, 141.354



52, 6.380, 198.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

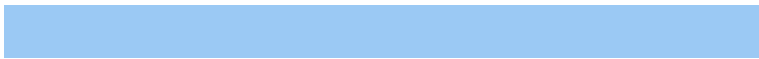
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 27.874, 197.639



94, 33.600, 197.348



79, 26.450, 259.670



50, 4.783, 198.961



69, 39.562, 196.379



22, 17.590, 196.380

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 36.053, 22.805



71, 46.254, 24.063



83, 29.675, 69.121



48, 5.080, 19.936



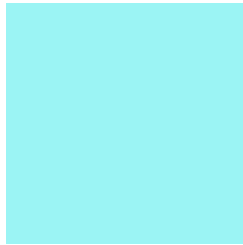
39, 82.548, 39.998



8, 31.024, 25.005

Previews

White Background



This preview shows how the CIE LCh color 91, 27.874, 197.642 looks on a white background.

Color Contrast Check

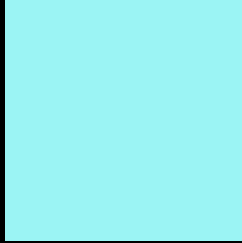
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 27.874, 197.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.874, 197.642

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.874, 197.642.

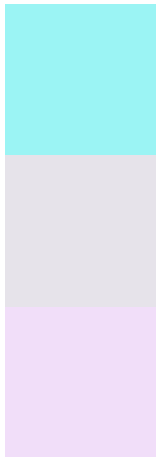


This preview shows how white text looks on a background with the CIELCh color 91, 27.874, 197.642.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
91, 27.874, 197.642

Protanopia
91, 3.806, 306.648

Deuteranopia
91, 15.577, 316.296

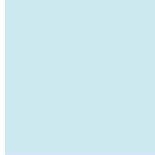


Tritanopia
91, 21.334, 221.305

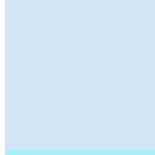
Trichromacy



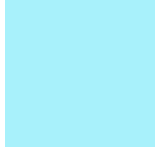
Original Color
91, 27.874, 197.642



Protanomaly
90, 10.479, 213.202



Deuteranomaly
90, 10.972, 252.926

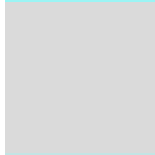


Tritanomaly
91, 23.424, 210.898

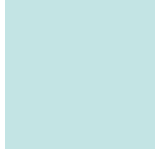
Monochromacy



Original Color
91, 27.874, 197.642



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 11.345, 198.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.874, 197.642 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(155, 244, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 244, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.874, 197.642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 244, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 244, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 244, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 244, 244); box-shadow:4px 4px 4px 4px rgb(155, 244, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.874, 197.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 244, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
244, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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